

CITY OF BURBANK

POWER PRODUCTION ENGINEER

DEFINITION

Under general direction, to direct and manage engineering and technical activities associated with the operation and maintenance of natural gas fired electric generation boilers, combustion turbines, combined cycle power plants, and all associated systems; and to do related work as required.

ESSENTIAL FUNCTIONS

Directs engineering activities associated with electric generating units, engines powering such generating units, heat recovery units, emission control systems, steam piping and temperation, water treatment and reduction, and plant protection, control systems, monitoring, modifications and improvements; manages environmental and regulatory compliance; directs activities of contractors, consultants, and vendors and oversees contract compliance; manages construction of associated buildings, structures, and facilities; makes and directs preparation of construction cost estimates; supervises preparation and review of finished work drawings for construction; monitors and inspects construction; prepares and directs preparation of specifications and requests for plant equipment; reviews detailed drafting and engineering calculating work; studies means and methods of securing new plant technology; serves in a technical advisory capacity for the BWP site plan review process; supervises maintenance of records relating to system operations; directs, assigns and evaluates work; makes effective recommendations regarding hiring, promotions and transfers; effectively recommends disciplinary action as needed up to and including termination.

MINIMUM QUALIFICATIONS

Employment Standards:

- Knowledge of - plant engineering, design and operating practices related to electrical generating equipment and associated systems and principles and practices of sound personnel management and supervision.
- Ability to - prepare professionally written reports and studies relating to plant engineering; supervise and review the work of engineering and technical personnel; review and prepare specifications, estimates and lists of materials; establish and maintain effective working relationships with supervisors, fellow employees, and the public.

Education/Training: Any combination of education and/or experience that has provided the knowledge, skills, and abilities necessary for acceptable job performance as determined by the City. Example combination includes, but is not limited to, graduation from an accredited college or university with major course work in engineering; four years of professional engineering experience in a power production setting which may include service at the level of Associate Engineer or equivalent experience in related engineering disciplines.

License & Certificates: Registration as a Professional Engineer in the State of California is required.

SUPPLEMENTAL INFORMATION

A valid California Class "C" driver's license or equivalent may be required at time of appointment.